

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Hans-Peter Männer

**Application No.:** Not Yet Known

Our File: SMB-PT082  
(P 03 305 M US)

**Confirmation No.:** Not Yet Known

Date: July 10, 2003

**Filed:** Not Yet Known

For: INJECTION MOLDING NOZZLE FOR  
PLASTIC WITH AT LEAST TWO OUTLET  
OPENINGS

Group: Not Yet Known

Examiner: Not Yet Known

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicant's Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicant wishes to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

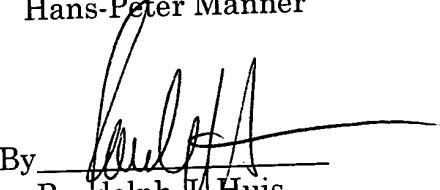
**Applicant:** Hans-Peter Männer  
**Application No.:** Not Yet Known

DE 100 08 471 discloses a hot runner end piece that is electrically heated. The injection openings (14) are at 90° to a longitudinal axis of the part.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Hans-Peter Männer

By   
Randolph J. Huis  
Registration No. 34,626  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17<sup>th</sup> Street  
Philadelphia, PA 19103

RJH/rct  
Enclosures

FORM PTO-1449		ATTY. DOCKET NO. SMB-PT082 (P 03 305 M US)	SERIAL NO. NOT YET KNOWN
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Hans-Peter Männer	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE	GROUP
(Use several sheets if necessary)		NOT YET KNOWN	NOT YET KNOWN

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		100 08 471 A1	08-2001	Germany				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		"Prima" advertisement for triple nozzle injection molding head, <i>PLASTVERARBEITER</i> , Volume 39, No. 4 (1988)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.